

6/3/05

Application No. 10/764768
Amendment dated October 25, 2005
After Final Office Action of May 25, 2005

Docket No.: M0925.70094US01

AMENDMENTS TO THE CLAIMS

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1. (Currently Amended) A composition, comprising:
a ladder polymer or ladder oligomer, said ladder polymer or oligomer comprising an iptycene, wherein the ladder polymer or oligomer is a polymer or oligomer having a backbone that can only be severed by breaking at least two bonds.
2. (Original) A composition comprising an iptycene, having a molecular weight in excess of 2000 daltons, comprising a shape persistent molecule containing bridgehead atoms, with molecular structures radiating from the bridgehead atoms in three directions and extending outwardly therefrom such that each defines a van der Waals contact of furthest point from the bridgehead atoms of no less than 3.5 Å, the composition having a dielectric constant of less than 3.0.
3. (Original) A composition as in claim 2, comprising a linear polymer comprising an iptycene.
4. (Original) A composition as in claim 2, arranged as a dielectric material in an electronic component.
5. (Original) A composition as in claim 2, wherein the molecular structures that radiate from the bridgehead atoms extend outwardly therefrom such that each defines a van der Waals contact of furthest point from the bridgehead atoms of no less than 4.0 Å.
6. (Original) A composition as in claim 2, wherein the molecular structures that radiate from the bridgehead atoms extend outwardly therefrom such that each defines a van der Waals contact of furthest point from the bridgehead atoms of no less than 4.5 Å.